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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/684,188

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Mutsuo Fujii

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22204

7590

02/01/2006

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EXAMINER

BROWN, DREW J

ART UNIT

PAPER NUMBER

3616

DATE MAILED: 02/01/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/684,188	Applicant(s) FUJII ET AL.	
	Examiner Drew J. Brown	Art Unit 3616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 November 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3 and 5 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3 and 5 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>9/20/05</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-3 and 5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Preisler et al. (U.S. Pat. No. 6,467,801 B1) in view of Desprez (U.S. Pat. No. 6,595,543 B2).

Preisler et al. discloses a vehicle airbag door comprising a door section 10 that is provided at a panel main body 14 and is opened by the activation of an airbag device. The airbag door further comprises a back-up member 28 that is provided on the bottom side of the panel main body. The back-up member comprises a back-up section having a shooting aperture 12 through which an airbag expands into a cabin, a plate section 42 located within the shooting aperture, and a hinge section (located between 24 and 42) through which the back-up section and the plate section are integrally formed along with the hinge section. A gap 32 is formed between an outer edge of the shooting aperture and each of the outer periphery of the plate section and both longitudinal ends of the hinge section, and the back-up section is welded (column 4, lines 65-67 according to Fig. 6) to the bottom face of the panel main body at a portion thereof located around and outwardly of the door section. The plate section is also welded to the bottom face of the door section. The hinge section comprises a first curved portion in which one end of the first curved portion (located near groove 20) is integrally connected to the back-up section 28, and a midsection of the first curved portion is curved so as to protrude toward the door section. A second curved portion (located at the lowest end of the hinge section) in which one end of the second curved portion is integrally connected to the other end of the first curved portion, the other end of the second curved portion is integrally connected to the plate section, and a

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midsection of the second curved portion is curved so as to protrude away from the door section. When the door section is opened, the first and second curved portions of the hinge section are each extended, and then the plate section is pivoted around its junction with the second curved portion. The shooting aperture has a rectangular shape, where the corners are each formed to have a curved surface, and the hinge section is provided to extend along one side 24 of the shooting aperture. The plate section main body 42 is integrally connected to the hinge section, and there are extensions (curved portion of peripheral 24 located at the lower right and left sides of Fig. 6) that are located outwardly of both longitudinal ends of the hinge section. They are integrally extended from the plate section main body to the vicinities of the corners of the shooting aperture, and they are welded to the bottom face of the door section. A gap is formed to continuously extend from between the extensions and the outer edge of the shooting aperture, according to Figure 6, to both the longitudinal ends of the hinge section (between the hinge section at the lower end of Fig. 6 and the curved portion of peripheral 24 located at the lower right and left sides). Preisler et al. also discloses ribs (triangular gussets between the hinge section and the wall 24) that are integrally formed with the hinge section at the bottom face of the curved part, which is opposite to the door section and in the vicinities of both longitudinal ends of the curved part. These ribs are formed continuously from the hinge section to the extensions of the plate section and are formed across the first and second curved portions.

Preisler et al. does not disclose that the backup section is provided with a concave that is recessed away from the door section with the concave being adjacent to the hinge section. However, Desprez does disclose a backup section (22) that is provided with a concave (between hole 34 and welding protrusion 36 where net 40 is located) that is recessed away from the door section with the concave being adjacent to the hinge section. Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to have a concave adjacent to the door section in order to reinforce the connection between the backup section and door section.

Response to Arguments

3. Applicant's arguments with respect to claims 1 and 3 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Drew J. Brown whose telephone number is 571-272-1362. The examiner can normally be reached on Monday-Thursday from 8 a.m. to 4 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paul N. Dickson can be reached on 571-272-6669. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Drew J. Brown
Examiner
Art Unit 3616

DJB


PAUL N. DICKSON 1/27/06
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3600